

ABSTRACT

A holographic apparatus includes a mask for modulating
a signal beam to generate a modulated signal beam; a conical
5 prism, which has a cone portion and a base portion, for
refracting a reference beam to generate a refracted
reference beam, wherein the refracted reference beam
interferes with the modulated signal beam in a holographic
medium to thereby record data thereon, the base portion
10 facing the holographic medium. The holographic apparatus
can be miniaturized by a positional relationship between the
conical prism and the holographic medium.